

Shivam Sharma

DevOps Engineer

+91 8168048699 sharma.shiv8535@gmail.com
LinkedIn GitHub Portfolio

Summary

DevOps Engineer with hands-on experience in AWS, Docker, Kubernetes, Jenkins, and Terraform, specializing in cloud infrastructure automation, CI/CD pipelines, and system security. Proven ability to deploy scalable containerized applications and implement secure cloud solutions using Python and Linux.

Skills

- Cloud Platforms: AWS (EC2, IAM, S3), Cloud Security
- DevOps Tools: Jenkins, Docker, Kubernetes, Terraform, Nginx
- Programming & Scripting: Python, Shell Scripting, SQL
- Version Control: Git, GitHub
- Operating Systems & Web: Linux (Ubuntu, Debian), HTML, CSS

Experience

Skillquest Learnings	DevOps Engineer	19 May 2025 – 19 Nov 2025
<ul style="list-style-type: none">• Architected and managed secure WireGuard VPN infrastructure, reducing unauthorized access by 40%.• Deployed Dockerized frontend and Flask backend with Nginx reverse proxy for high availability.• Built Jenkins CI/CD pipelines for automated build, test, and deployment workflows.• Implemented Fail2Ban, firewall automation, and access control policies to mitigate attacks.• Automated monitoring, log analysis, and system health checks using Bash and Python.		

Projects

InfraGuard – Cloud Scanner [Go Live]	Jun 2025 – Present
<ul style="list-style-type: none">• Developed a full-stack AWS cloud vulnerability scanning platform using Python (Flask).• Automated EC2, IAM, and S3 security assessments using AWS SDK (boto3).• Implemented role-based access, session handling, and async scan execution.• Generated actionable security reports through dynamic dashboards.	
CI/CD Pipeline using Jenkins [Documentation]	Mar 2025 – May 2025
<ul style="list-style-type: none">• Designed an end-to-end CI/CD pipeline for automated deployments on AWS EC2.• Integrated GitHub webhooks, Dockerized Jenkins, and Nginx reverse proxy.• Implemented email alerts and job backup automation for reliability.	

Education

Guru Gobind Singh Indraprastha University, Delhi B.Tech in Computer Science & Engineering GPA: 8.0	Sep 2022 – Sep 2026
---	----------------------------

Additional Technical Exposure

- Basic exposure to Kubernetes deployments, container orchestration, and service networking.
- Experience with Linux server hardening, SSH security, and role-based access controls.
- Familiar with cloud cost optimization basics, IAM least-privilege policies, and logging best practices.

Certifications & Achievements

- Simplilearn – Search Engine Optimization
- Internshala Trainings – Web Development
- 2nd Runner-Up – DSA Hackathon